

ABSTRACT

A method and system for extracting and building end-to-end route information in a multi-area Internet protocol (IP) autonomous system (AS) is disclosed. The method and system enable a user, such as a network administrator, to explicitly identify a full set of paths (links and routers) that a given IP packet would potentially traverse from its entry point in the source area of the AS where it originates until its exit point in its intended destination area.